Washtenaw Community College

Western Michigan University Aviation Curriculum Guide

Pre-Aviation curriculum requirements:

➢ The aviation program has 3 different majors:
  ▪ Flight Science (pilot training)
  ▪ Technical Operations
  ▪ Management and Operations (management and technical support)

➢ The Flight Science major has several requirements for access to flight courses:
  ▪ A Chief Flight Instructor-approved application for each ground school and flight lab
  ▪ An FAA 2\textsuperscript{nd} class medical (1\textsuperscript{st} class is recommended)
  ▪ Enrollment in flight theory courses is subject to a minimum grade point average of 3.0 for community college students and transfers from other 4-year colleges and/or universities and placement of Math 1110 or higher at WMU
  ▪ Availability of aircraft and instructors

The following courses are required of all 3 majors and may be taken at Washtenaw:

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>WCC courses</th>
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<tbody>
<tr>
<td>COM 1700</td>
<td>COM 102</td>
</tr>
<tr>
<td>STAT 2160</td>
<td>MTH 160</td>
</tr>
<tr>
<td>PHYS 1070</td>
<td>PHYS 1080</td>
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<tr>
<td>IEE 1020</td>
<td>ENG 111 or 226</td>
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</tbody>
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*Please see the [WMU Essential Studies (WES) program guide](#) for more information.

**Required for Flight Science majors only:**

- ECON 2010
- PSY 1000

**Required for Management and Operations majors only:**

- CIS 1020
- ECON 2010
- ECON 2020
- ACTY 2100
- ACTY 2110
- MKTG 2500

- ECO 222
- ECO 211
- ACC 111
- ACC 122
- BMG 250
BUS 1750  BMG 140
PSY 1000  PSY 100

Required for Technical Operations majors only:
BUS 1750  BMG 140

Important notes:

➢ Satisfactory completion of all CFR Part 147 requirements in the Technical major prepares students to take the Federal Aviation Administration (FAA) Airframe and Powerplant written and practical exams.
➢ Flight Science majors are strongly encouraged to obtain the FAA First Class Medical Certificate before committing to this program. An FAA Second Class Medical Certificate is a prerequisite for the first flight course.
➢ All Flight Science students are required to subject themselves to the college-approved drug testing procedure before being allowed to participate in any flight activity in University aircraft.
➢ For information on airplanes, hangars, engines, and other technical items, please visit the WMU Aviation website.
➢ For program information, please contact the advising office indicated below.

Approved by:
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